

101789038

COFC

Patent 7,027,328

PATENT

IN UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,027,328

Docket No: 1303.024US2

Issue Date: April 11, 2006

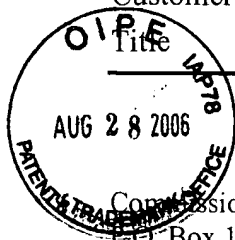
Patentee: Leonard Forbes et al.

Customer No.: 21186

Confirmation No.: 8348

Title

INTEGRATED CIRCUIT MEMORY DEVICE AND METHOD

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

ATTN: CERTIFICATE OF CORRECTION BRANCH

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

**Pursuant to 1.20(a), enclosed please find a check in the amount of \$100.00.**

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No.19-0743.

Respectfully Submitted

LEONARD FORBES ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6900

Date:

21 Aug '06

By:

Timothy B. Clise  
Reg. No: 40,957  
TBC:sj

**Certificate**

AUG 31 2006

**of Correction**

CERTIFICATE UNDER 37 CFR § 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 23 day of July 2006

NATHLEEN E ROTH  
Name

Timothy B. Clise  
Signature  
01 FC:1811 100.00 OP

SEP 01 2006



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Leonard Forbes et al.

Examiner: Pham, Ly

Patent No.: 7,027,328

Group Art Unit: 2827

Issue Date: April 11, 2006

Docket No: 1303.024US2

Title: INTEGRATED CIRCUIT MEMORY DEVICE AND METHOD

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

ATTN: CERTIFICATE OF CORRECTION BRANCH

We are transmitting herewith the attached:

- ☒ A check in the amount of \$100.00 to cover the Certificate of Correction fee.
- ☒ Request for Certificate of Correction.
- ☒ Certificate of Correction Form - PTO-1050 (in duplicate)
- ☒ A return postcard.

**Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer No: 21186

By: 

Name: Timothy B. Chase

Reg. No. 40,957

TBC:CMG:sj

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria VA 22313-1450, on this 23 day of August 2006.

KATHLEEN E. ROTHROCK

Name

Kathleen E. Rothrock

Signature

SEP 01 2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,027,328

Page (1) of 3

DATED : April 11, 2006

INVENTOR(S) : Forbes et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "U.S. Patent Documents", in column 1, line 1, delete "357/45" and insert - - 357/54 - -, therefor.

On the face page, in field (56), under "U.S. Patent Documents", in column 2, line 1, delete "437/229" and insert - - 437/29 - -, therefor.

On the face page, in field (56), under "U.S. Patent Documents", in column 2, line 4, delete "438/48" and insert - - 437/48 - -, therefor.

On page 2, in field (56), under "U.S. Patent Documents", in column 1, line 39, delete "267/310" and insert - - 257/310 - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 5, delete "SiO<sub>2</sub>," and insert - - SiO<sub>2</sub>, - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 5, delete "Al<sub>2</sub>O<sub>3</sub>," and insert - - Al<sub>2</sub>O<sub>3</sub>, - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 5, delete "adn" and insert - - and - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 5, delete "ZrO<sub>3</sub>" and insert - - ZrO<sub>3</sub> - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 6, delete "ZrO<sub>2</sub>" and insert - - ZrO<sub>2</sub> - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 13, delete "tunnelign" and insert - - tunneling - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.  
P.O. BOX 2938  
Minneapolis, MN 55402

Atty Docket No: 1303.024US2

PATENT NO. 7,027,328

No. of additional copies



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,027,328

Page (2) of 3

DATED : April 11, 2006

INVENTOR(S) : Forbes et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 2, in field (56), under "Other Publications", in column 2, line 27, delete "Plasms" and insert - - Plasma - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 30, delete "plasms" and insert - - plasma - -, therefor.

On page 3, in field (56), under "Other Publications", in column 2, line 47, delete "Nanoaminates" and insert - - Nanolaminates - -, therefor.

On page 3, in field (56), under "Other Publications", in column 2, line 48, delete "2000" and insert - - 2001 - -, therefor.

In column 7, line 29, delete "nickle" and insert - - nickel - -, therefor.

In column 20, line 38, delete "interplay" and insert - - interploy - -, therefor.

In column 21, line 30, delete "QT-1," and insert - - QE-1, - -, therefor.

In column 24, line 6, in Claim 20, delete "ate" and insert - - gate - -, therefor.

In column 24, line 9, in Claim 20, delete "integrate" and insert - - intergate - -, therefor.

In column 24, line 45, in Claim 25, after "gate;" insert - - and - -.

In column 24, line 55, in Claim 25, delete "charges" and insert - - charge - -, therefor.

In column 24, line 56, in Claim 25, delete "ate" and insert - - gate - -, therefor.

In column 25, line 17, in Claim 31, after "gates" delete "of" and insert - - for - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.  
P.O. BOX 2938  
Minneapolis, MN 55402

Atty Docket No: 1303.024US2

PATENT NO. 7,027,328

No. of additional copies



SEP 01 2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,027,328

Page (3) of 3

DATED : April 11, 2006

INVENTOR(S) : Forbes et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 25, line 45, in Claim 31, after "wherein" delete "each".

In column 25, line 45, in Claim 31, delete "gates" and insert - - gate - -, therefor.

In column 25, line 46, in Claim 31, after "metal" insert - - layer - -.

In column 25, line 47, in Claim 31, delete "insulator," and insert - - insulator; - -, therefor.

In column 25, line 49, in Claim 31, after "wherein" delete "each".

In column 26, line 1, in Claim 31, delete "charges" and insert - - charge - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.  
P.O. BOX 2938  
Minneapolis, MN 55402

Atty Docket No: 1303.024US2

PATENT NO. 7,027,328

No. of additional copies



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,027,328

Page (1) of 3

DATED : April 11, 2006

INVENTOR(S) : Forbes et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "U.S. Patent Documents", in column 1, line 1, delete "357/45" and insert - - 357/54 - -, therefor.

On the face page, in field (56), under "U.S. Patent Documents", in column 2, line 1, delete "437/229" and insert - - 437/29 - -, therefor.

On the face page, in field (56), under "U.S. Patent Documents", in column 2, line 4, delete "438/48" and insert - - 437/48 - -, therefor.

On page 2, in field (56), under "U.S. Patent Documents", in column 1, line 39, delete "267/310" and insert - - 257/310 - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 5, delete "SiO<sub>2</sub>," and insert - - SiO<sub>2</sub>, - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 5, delete "Al<sub>2</sub>O<sub>3</sub>," and insert - - Al<sub>2</sub>O<sub>3</sub>, - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 5, delete "adn" and insert - - and - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 5, delete "ZrO<sub>3</sub>" and insert - - ZrO<sub>3</sub> - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 6, delete "ZrO<sub>2</sub>" and insert - - ZrO<sub>2</sub> - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 13, delete "tunnelign" and insert - - tunneling - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.  
P.O. BOX 2938  
Minneapolis, MN 55402

Atty Docket No: 1303.024US2

PATENT NO. 7,027,328

No. of additional copies



SEP 01

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,027,328

Page (2) of 3

DATED : April 11, 2006

INVENTOR(S) : Forbes et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 2, in field (56), under "Other Publications", in column 2, line 27, delete "Plasms" and insert - - Plasma - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 30, delete "plasms" and insert - - plasma - -, therefor.

On page 3, in field (56), under "Other Publications", in column 2, line 47, delete "Nanoaminates" and insert - - Nanolaminates - -, therefor.

On page 3, in field (56), under "Other Publications", in column 2, line 48, delete "2000" and insert - - 2001 - -, therefor.

In column 7, line 29, delete "nickle" and insert - - nickel - -, therefor.

In column 20, line 38, delete "interplay" and insert - - interploy - -, therefor.

In column 21, line 30, delete "QT-1," and insert - - QE-1, - -, therefor.

In column 24, line 6, in Claim 20, delete "ate" and insert - - gate - -, therefor.

In column 24, line 9, in Claim 20, delete "integrate" and insert - - intergate - -, therefor.

In column 24, line 45, in Claim 25, after "gate;" insert - - and - -.

In column 24, line 55, in Claim 25, delete "charges" and insert - - charge - -, therefor.

In column 24, line 56, in Claim 25, delete "ate" and insert - - gate - -, therefor.

In column 25, line 17, in Claim 31, after "gates" delete "of" and insert - - for - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.  
P.O. BOX 2938  
Minneapolis, MN 55402

Atty Docket No: 1303.024US2

PATENT NO. 7,027,328

No. of additional copies

➡

SEP 01

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,027,328

Page (3) of 3

DATED : April 11, 2006

INVENTOR(S) : Forbes et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 25, line 45, in Claim 31, after "wherein" delete "each".

In column 25, line 45, in Claim 31, delete "gates" and insert - - gate - -, therefor.

In column 25, line 46, in Claim 31, after "metal" insert - - layer - -.

In column 25, line 47, in Claim 31, delete "insulator," and insert - - insulator; - -, therefor.

In column 25, line 49, in Claim 31, after "wherein" delete "each".

In column 26, line 1, in Claim 31, delete "charges" and insert - - charge - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.  
P.O. BOX 2938  
Minneapolis, MN 55402

Atty Docket No: 1303.024US2

PATENT NO. 7,027,328

No. of additional copies



SEP 01 2006